

IN THE CLAIMS:

Please amend claims as follows:

1. (Cancelled)

2. (Currently Amended) A separator for a fuel battery comprising:

a separator main body made of a mixture of a carbon powder and a thermosetting resin,

a gasket made of a ~~high viscosity type~~ rubber material selected from an EPDM and a fluorine compound rubber and provided with lip portions on upper and lower surfaces;

said separator main body being provided in both surfaces with gasket forming grooves; and

said gasket forming grooves being provided with a through hole;

said gasket being integrally formed in both surfaces of said separator main body by ~~high pressure injection molding of~~ attaching said rubber material ~~into~~ to said gasket forming grooves;

at least one of groove side surfaces in said gasket forming grooves formed in said separator main body being ~~formed in~~ inclined downwardly to central parts of said grooves to form an inclined shape.

3. (Currently Amended) A separator for a fuel battery comprising:

a separator main body made of a mixture of a carbon powder and a thermosetting resin,

a gasket made of a ~~high viscosity type~~ rubber material selected from an EPDM and a fluorine compound rubber and provided with lip portions on upper and lower surfaces;

said separator main body being provided in both surfaces with gasket forming grooves;

said gasket forming grooves being provided with a through hole;

said gasket being integrally formed in both surfaces of said separator main body by ~~high pressure injection molding of~~ attaching said rubber material ~~into to~~ said gasket forming grooves; and

a curvature being provided in corner portions of at least one of groove bottom surfaces in said gasket forming grooves formed in said separator main body.

4-7. (Cancelled)

8. (Currently Amended) A separator for a fuel battery comprising:

a separator main body made of a mixture of a carbon powder and a thermosetting resin, and

a gasket made of a ~~high viscosity type~~ rubber material selected from an EPDM and a fluorine compound rubber and provided with lip portions on upper and lower surfaces;

said separator main body being provided in both surfaces with gasket forming grooves;

said gasket being integrally formed in both surfaces of said separator main body by ~~high pressure injection molding of~~ attaching said rubber material ~~into to~~ said gasket forming grooves; and

at least one of groove side surfaces in said gasket forming groove ~~of in~~ said separator main body being ~~formed in~~ inclined downwardly to central parts of said grooves to form an inclined shape.

9. (Currently Amended) A separator for a fuel battery comprising:

a separator main body made of a mixture of a carbon powder and a thermosetting resin, and

a gasket made of a ~~high viscosity type~~ rubber material selected from an EPDM and a fluorine compound rubber and provided with lip portions on upper and lower surfaces;

said separator main body being provided in both surfaces with gasket forming grooves;

said gasket being integrally formed in both surfaces of said separator main body by ~~high pressure injection molding of~~ attaching said rubber material ~~into to~~ said gasket forming grooves;

a curvature being provided in corner portions ~~of~~ in at least one of groove bottom surfaces in said gasket forming grooves ~~of~~ in said separator main body.